Marine Aviation Transformation
A Naval Vision

National Defense Industrial Association
8th Expeditionary Warfare Conference
20 October 2003

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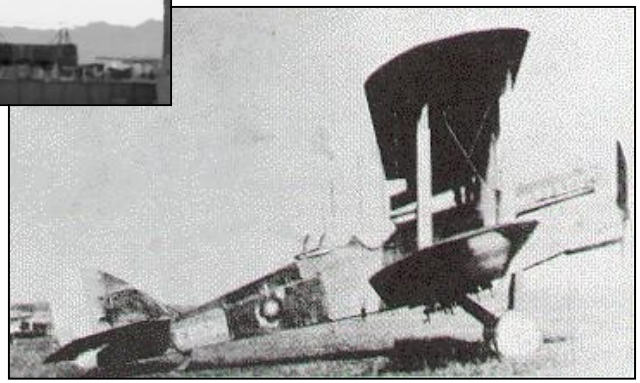
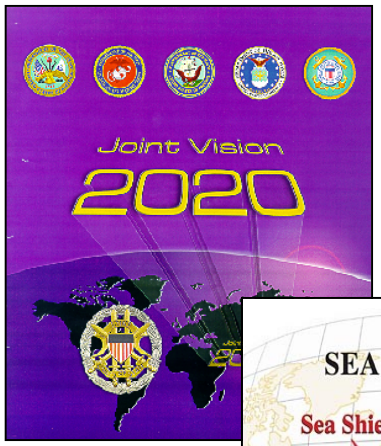
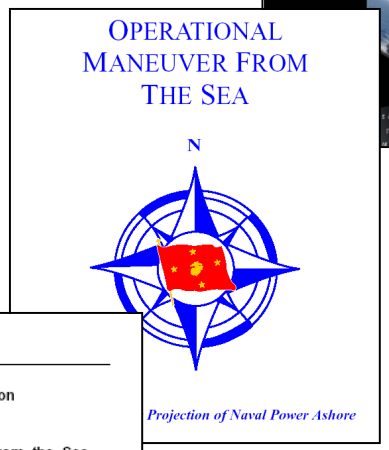
Overview

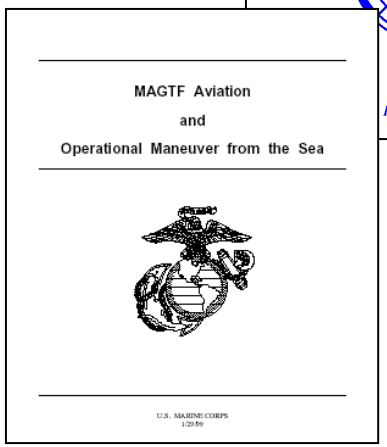
- Concepts & Vision
- Transition Roadmap
- Priorities



Driving Concepts

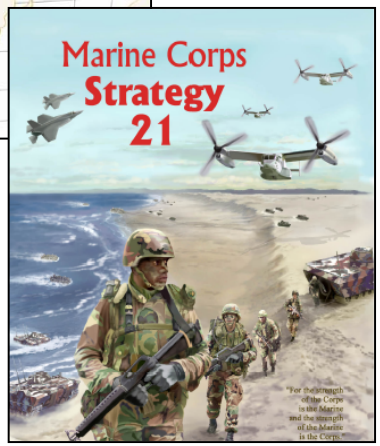






Six Functions of Marine Aviation

- Offensive Air Support
- Anti-Air Warfare
- Electronic Warfare
- Assault Support
- Control of Aircraft and Missiles
- Reconnaissance



A Naval Vision - 2015

How We'll Get There

Mission Readiness

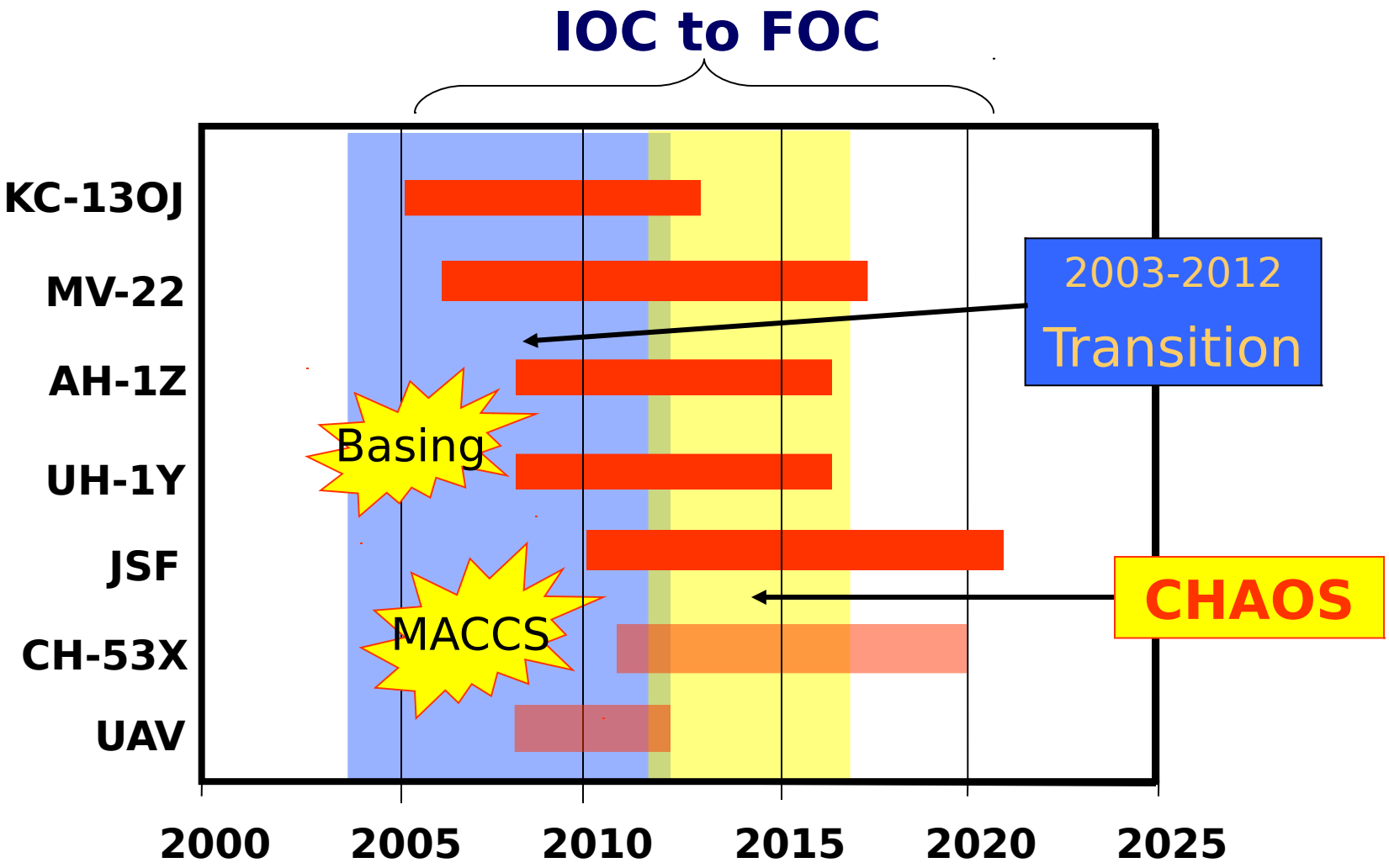
- Global War On Terrorism:
  - Afghanistan
  - Iraq
  - Horn of Africa
  - Next???

Mission Readiness

Warfighting Relevance

- AV-8B
- CH-46E
- AH-1W & UH-1N
- EA-6B
- KC-130F/R/T
- Pioneer
- MACCS
- F/A-18A/C/D
- CH-53D/E

Transition


IOC to FOC
KC-130J
MV-22
AH-1Z
UH-1Y
JSF
CH-53X
UAV
2000
2005
2010
2015
2020
2025
2003-2012
Transition
Basing
MACCS
CHAOS

KC-130

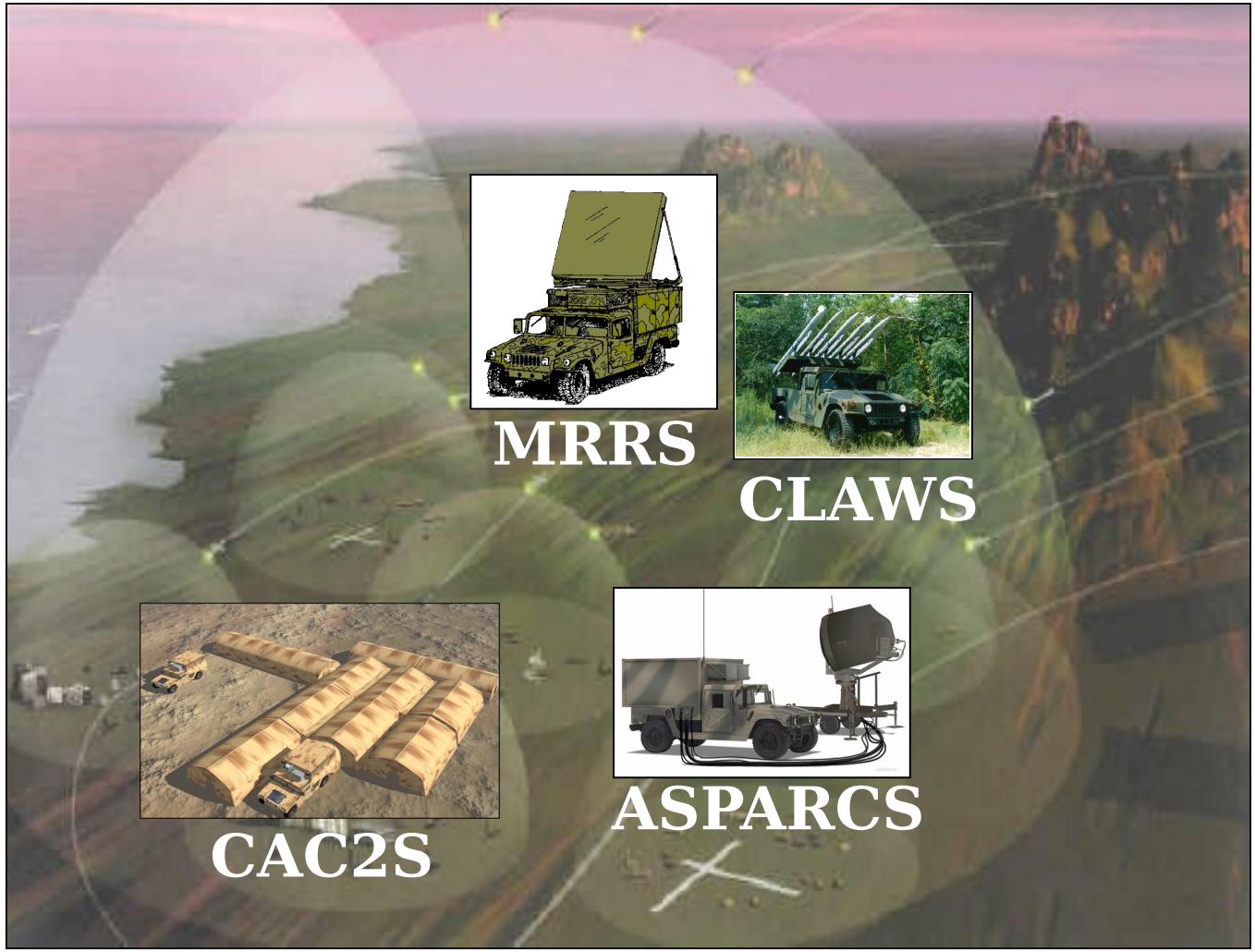
- IOC: FY05
  - 2D MAW - FY05
  - 3D MAW - FY07
  - WestPac - FY11
- FOC: FY13
- Total Force:
  - 130T: 28
  - 130J: 51
- Night Vision
- Survivability

MV-22 Osprey

- IOC: FY07
  - 2D MAW - FY07
  - 3D MAW - FY09
  - WestPac - FY13
  - 4th MAW - FY15
- FOC: FY17
- Objective: 360

Marine Air Command and Control System

- CAC2S - Suite of operationally scaleable modules
  - IOC – FY07
  - FOC – FY09
  - Joint Leader
- ASPARCS - All-weather Air Traffic Control services
  - AN/TPS-79 ASR
  - AN/TSQ-230 OS/CS
  - AN/TPN-32 PAR



AH-1Z Cobra & UH-1Y Huey

- AH-1Z
  - IOC: FY08
  - FOC: FY14
  - Resv: FY14
  - Obj: 180
- UH-1Y
  - IOC: FY08
  - FOC: FY12
  - Resv: FY12
  - Obj: 100

Unmanned Aerial Vehicles

- ORD currently being staffed
- Estimated IOC: FY08
  - 2D MAW - FY08
  - 3D MAW - FY09
  - WestPac - UDP
- FOC: FY12
- Objective:
  - 44 Aircraft
  - 22 Ground Stations

Joint Strike Fighter

- IOC: FY10
  - 2D MAW - FY10
  - 3D MAW - FY13
  - WestPac - FY16
  - 4th MAW - FY20
- FOC: FY21
- Objective: 420

CH-53X or SLEP

- ORD currently being staffed
- AoA Under Review
- IOC: TBD

Electronic Attack

2015

Tactical Priorities (Sustainment)

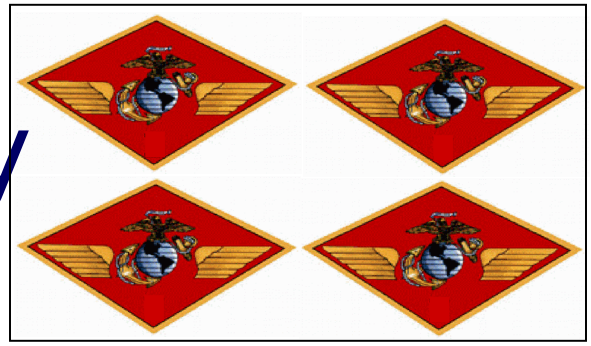
- CH-46E

- AV-8B

- Simulation

Operational Priorities

- Reserve Policy



- TacAir Integration

- Programmatics/Transition

Strategic Priorities

Mission Accomplishment

Strategic Priorities

Welfare of Our People

Strategic Priorities

Safety

Key to Success?

Leadership

Questions